



# SPYWOLF

## Security Audit Report



Completed on  
**August 6, 2022**

MADE IN USA 

@SPYWOLFNETWORK



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SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **BUSD Grow** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

”

- SPYWOLF Team -





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# BUSD GROW



## PROJECT DESCRIPTION

### **According to their whitepaper:**

A Passive Income Rewards Token on the Binance Smart Chain Network.  
Earn Binance-USD (\$BUSD), simply by holding BUSD GROW (\$BUSDGROW) in your crypto wallet.

Future developments of the project:

- BUSD Grow swap
- BUSD Grow wallet
- Staking

**Release Date:** Presale starts on August, 2022

**Category:** Rewards



# CONTRACT INFO

Token Name

Busd Grow

Symbol

BUSD GROW

Contract Address

0x0dF704270e39029A0e8A7Fd7b82B6A4ea8981ffA

Network

Binance Smart Chain

Language

Solidity

Deployment Date

August 02, 2022

Verified?

Yes

Total Supply

500,000,000

Status

Launched

## TAXES

Buy Tax

**12%**

Sell Tax

**12%**

\*Taxes can be changed in future



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



# CURRENT STATS

(As of August 06, 2022)



## Liquidity

PancakeSwap:  
3458 BNB

FedEx:  
100 WBNB



## Burn

17.8% of total  
supply

Status:  
Launched!

MaxTxAmount  
10,000,000

DEX:  
PancakeSwap

## LP Address(es)

### Pancakeswap:

0xC0e4D5a4d5C91F92f2065236dbc9296061C9d8e9

99% locked in Mudra - unlocks at August 31, 2022 ⚠

<https://mudra.website/?certificate=yes&type=0&lp=0xc0e4d5a4d5c91f92f2065236dbc9296061c9d8e9>



## TOKEN TRANSFERS STATS

Transfer Count	2694
Uniq Senders	352
Uniq Receivers	510
Total Amount	4007935985.625439 BUSD GROW
Median Transfer Amount	502105.854042258 BUSD GROW
Average Transfer Amount	1487726.7949611875 BUSD GROW
First transfer date	2022-08-02
Last transfer date	2022-08-06
Days token transferred	5

## SMART CONTRACT STATS

Calls Count	4870
External calls	497
Internal calls	4373
Transactions count	1726
Uniq Callers	418
Days contract called	5
Last transaction time	2022-08-06 16:32:38 UTC
Created	2022-08-02 18:47:11 UTC
Create TX	0xc9f31007339183da0db2248356133478bbe b34af4cd34fd942f19e29eb7846a7
Creator	0xc12945860cfc944a7aea79fb12cb1b313f116 a0f



# FEATURED WALLETS

Owner address	0xc12945860cfc944a7aea79fb12cb1b313f116a0f
Auto liquidity receiver	0x0df704270e39029a0e8a7fd7b82b6a4ea8981ffa
Burn fee receiver	0x05594a25acbfce2c67bbca5839d81685be91a933
Marketing fee receiver	0x99c876bb3aa1de859e1fc04db3ed0327a03844c0
LP address	<p><b>Pancakeswap:</b> 0xC0e4D5a4d5C91F92f2065236dbc9296061C9d8e9</p> <p>⚠ 99% locked in Mudra - unlocks at August 31, 2022 <a href="https://mudra.website/?certificate=yes&amp;type=0&amp;lp=0xc0e4d5a4d5c91f92f2065236dbc9296061c9d8e9">https://mudra.website/?certificate=yes&amp;type=0&amp;lp=0xc0e4d5a4d5c91f92f2065236dbc9296061c9d8e9</a></p>

## TOP 3 UNLOCKED WALLETS

- 1  
1.98% 0x8e57fe4360fab5103e2b4af9c45abe19568c5786
- 2  
0x3c0d3bcbcbbf41ff3bc515599e73c781eb0538ef 1.98%
- 3  
1.97% 0xa63629b49c88dce37a2855a179bf00146e42bde2





# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

---

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

---

Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



# FOUND THREATS

## ⚠ High Risk

Owner can change buy/sell fees up to 100%.

```
function setFees(uint256 _liquidityFee, uint256 _rewardFee,
uint256 _marketingFee, uint256 _teamFee, uint256 _devFee, uint256 _burnFee, uint256 _feeDenominator) public onlyOwner {
    liquidityFee = _liquidityFee;
    rewardFee = _rewardFee;
    marketingFee = _marketingFee;
    teamFee = _teamFee;
    devFee = _devFee;
    burnFee = _burnFee;
    totalFee = _liquidityFee + _rewardFee + _marketingFee + _teamFee + _burnFee + _devFee;
    feeDenominator = _feeDenominator;
    require(totalFee < feeDenominator/2, "Fees cannot be more than 49%");
}

function Sell_Multiplier(uint256 _sell) external {
    require(islaunched[msg.sender]);
    sellMultiplier = _sell;
}

function Enable_launch(bool _status) public onlyOwner {
    launchMode = _status;
}

function takeFee(address sender, uint256 amount, bool isSell, address receiver) internal returns (uint256) {
    uint256 multiplier = isSell ? sellMultiplier : 100;
    if(launchMode && !islaunched[receiver] && !isSell){
        multiplier = 850;
    }

    uint256 feeAmount = amount.mul(totalFee).mul(multiplier).div(feeDenominator * 100);
    .....
}
```

- Recommendation:
  - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.



# FOUND THREATS

## ⚠ High Risk

Owner can blacklist address, making it impossible to sell.

```
function enable_blacklist(bool _status) public onlyOwner {
    blacklistMode = _status;
}

function Manage_blacklist(address[] calldata addresses, bool status) public onlyOwner {
    for (uint256 i; i < addresses.length; ++i) {
        isblacklisted[addresses[i]] = status;
    }
}
```

Owner can change transaction gas limit criteria for automatic blacklisting. If set to low value, everyone will be treated as 'sniper' and blacklisted from buy/sell the token.

```
function UpdateAB1 (uint256 _AB1) public onlyOwner {
    AB1 = _AB1 * 1 gwei;
}

function _transferFrom(address sender, address recipient, uint256 amount) internal returns (bool) {
    .....
    if (tx.gasprice >= AB1 && recipient != pair) {
        isblacklisted[recipient] = true;
    }
    .....
}
```



## Informational

Owner can exclude address from fees and transaction limit.

```
function SetFeeExempt(address holder, bool exempt) public onlyOwner {
    isFeeExempt[holder] = exempt;
}

function SetTxLimitExempt(address holder, bool exempt) public onlyOwner {
    isTxLimitExempt[holder] = exempt;
}
```

Owner can withdraw any tokens from the contract.

```
function ClearForeignToken(address tokenAddress, uint256 tokens) external returns (bool success) {
    require(islaunched[msg.sender]);
    if(tokens == 0){
        tokens = IBEP20(tokenAddress).balanceOf(address(this));
    }
    return IBEP20(tokenAddress).transfer(msg.sender, tokens);
}

function clearstuckbalance() public {
    require(islaunched[msg.sender]);
    payable(msg.sender).transfer(address(this).balance);
}
```

Owner can change max transaction limit but can't lower it than 0.1% of total supply.

```
function SetMaxTxPercent_base1000(uint256 maxTXPercentage_base1000) external onlyOwner() {
    require(_maxTxAmount >= _totalSupply / 1000);
    _maxTxAmount = (_totalSupply * maxTXPercentage_base1000) / 1000;
}

function setMaxTxAmountAbsolute(uint256 amount) external {
    require(islaunched[msg.sender]);
    require(amount >= _totalSupply / 1000);
    _maxTxAmount = amount;
}
```



## Informational

Owner can change name and symbol of the token.

```
function changeName(string memory newName) external onlyOwner { _name = newName; }  
function changeSymbol(string memory newSymbol) external onlyOwner { _symbol = newSymbol; }
```





RECOMMENDATIONS FOR

# GOOD PRACTICES

---

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## BUSD Grow

### GOOD PRACTICES FOUND

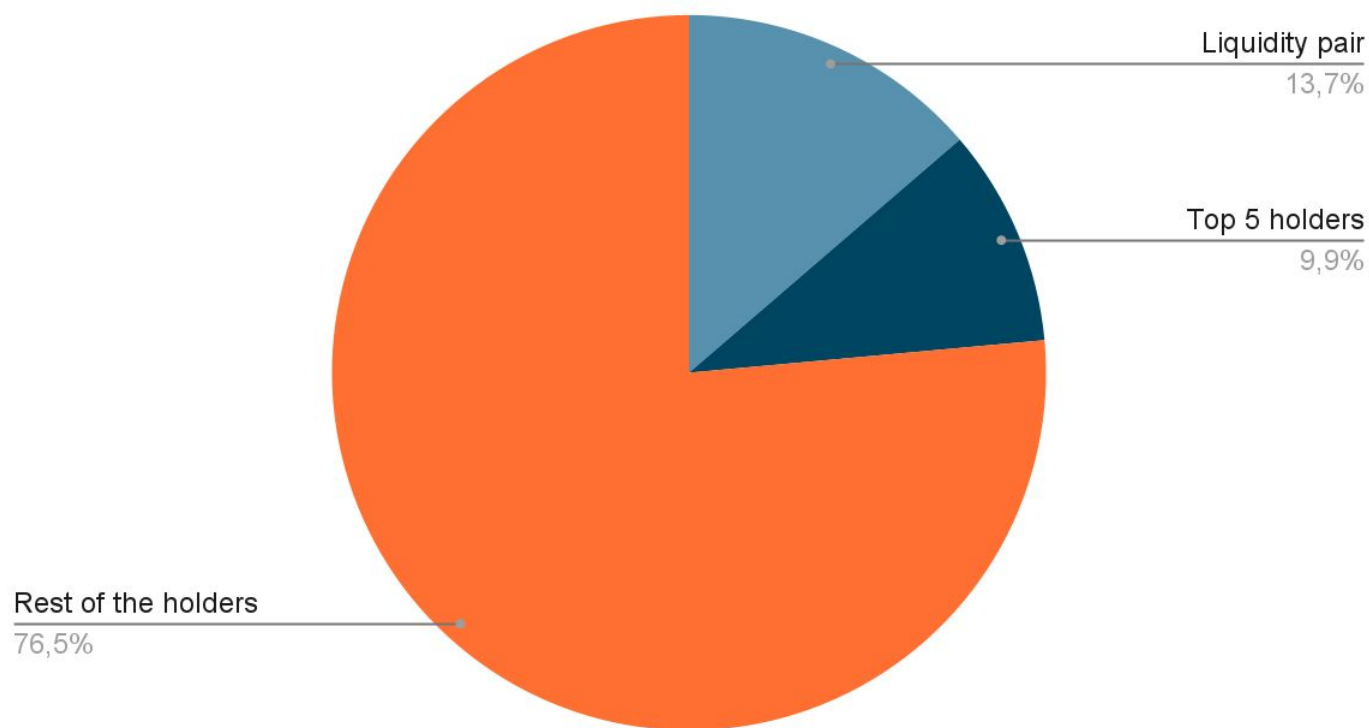
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner can set a transaction limit, but can't lower it than 0.1% of total supply



## Current state, according to BSCScan:

- 13.7% - Liquidity pair
- 9.85% - Top 5 holders
- 76.45% - Rest of the holders

Tokens distribution







# THE TEAM

! The team is  
anonymous

## KYC INFORMATION

---

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





# WEBSITE

## Website URL

<https://www.busd-grow.com>

## Domain Registry

<https://www.godaddy.com>

## Domain Expiration

Expires on 2023-08-03

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Single page, appropriate color scheme and graphics. Some of the buttons don't work.

## Content

The information helps new investors understand what the product does right away. No grammar mistakes found.

## Whitepaper

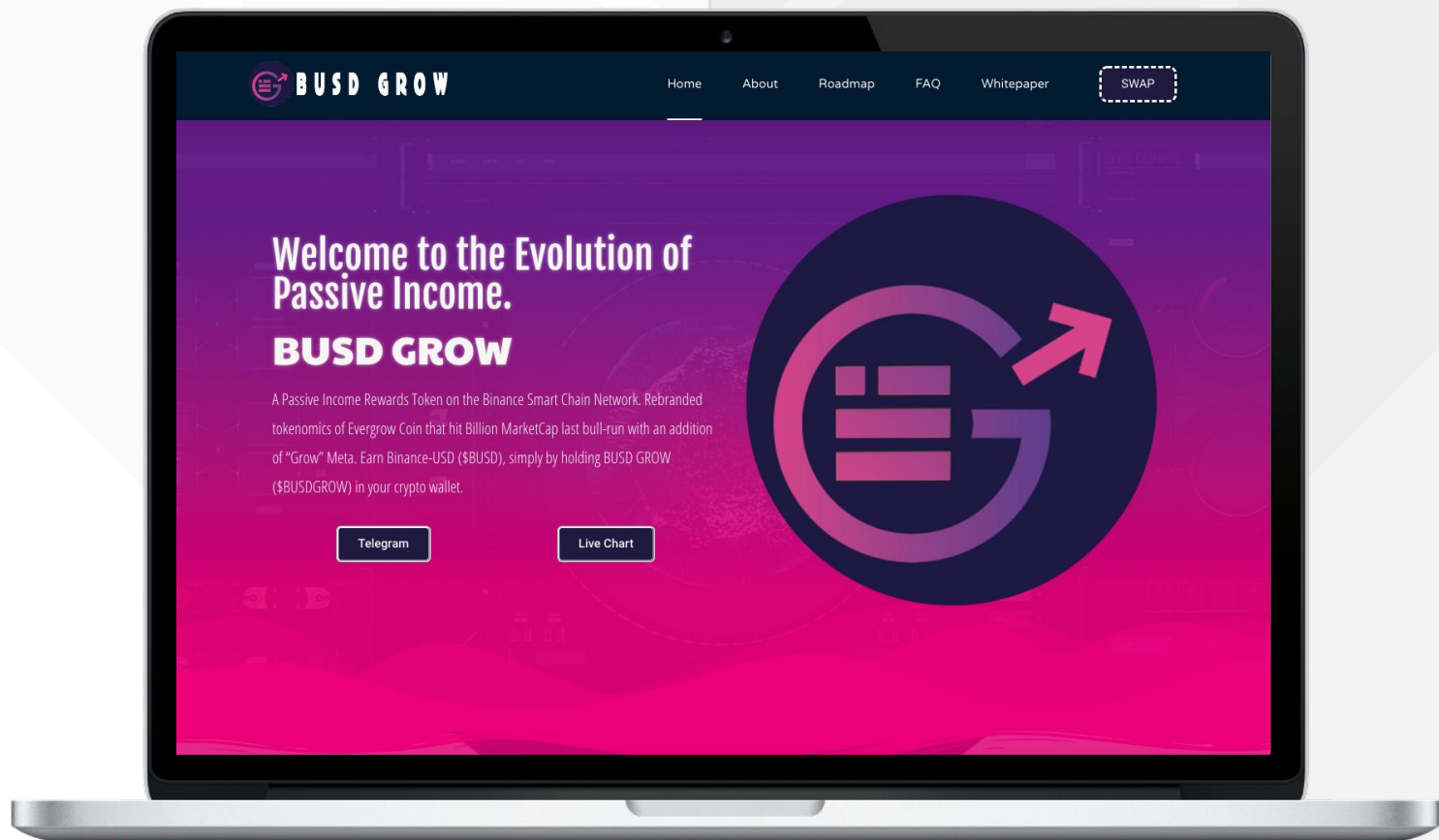
⚠ No whitepaper.

## Roadmap

Yes, goals set without time frames.

## Mobile-friendly?

Yes



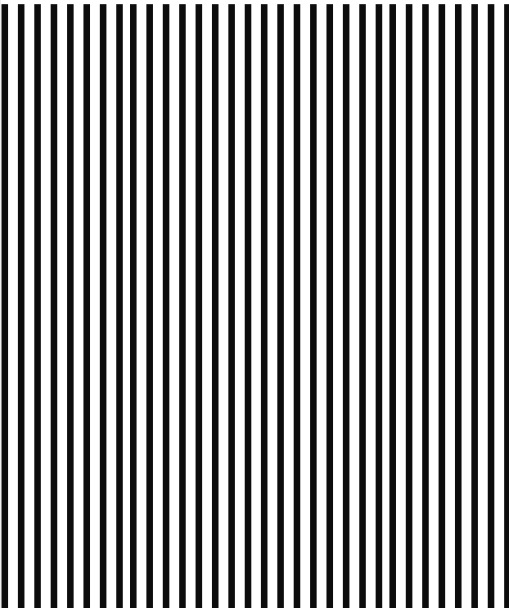
# busd-grow.com



# SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS  
Project’s social media channels are active with organic users



Twitter

@Busd\_Grow

- 37 followers
- Active
- Posts frequently



Discord

Discord link here

- Not available



Telegram

@busdgrowbscportal

- 698 members
- Active members
- Active mods



Medium

Medium link here

- Not available



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

# ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
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[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.